

Title: TEXTURE OBTAINING METHOD AND ITS SYSTEM

Applicant : ATR CHINO EIZO TSUSHIN KENKYUSHO:KK

Inventor : ISHIWAKA MICHITOSHI  
INOUE SEIKI

Abstract of **JP 11238136 (A)**

**PROBLEM TO BE SOLVED:** To provide a high quality texture for a three-dimensional object.

**SOLUTION:** This texture obtaining system 100 is provided with a movable type measurement head 1 and a fixed type camera 4. By the movable type head 1, the shape data and texture (1) of an object are obtained. By the fixed type camera 4, the surface image of the object corresponding to a resolution is obtained. A computer 2 generates a texture (2) corresponding to the resolution based on the plural surface images. Then, the generated texture (2) and the texture (1) are positioned by template matching. As a result, a correspondence relation of the texture (2) and the shape data is determined.

【図1】

